

Miniature Cylindrical, cont.

AIPT Series, MIL-C-26482 Series 1 Type

Reference Product Data Sheet 186



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
<p><u>AIPT Series</u> Lower cost PT miniature connector modification designed especially for industrial (non-environmental) applications. Specifically designed for use with automated termination.</p>	<p>Uses modified MIL-C-26482 Series 1 metal shells. Completely interchangeable with MIL-C-26482 Series 1.</p>	<p>3 point bayonet coupling and 5 key/keyway mating.</p>	<p>Crimp rear insertable/ front release contact termination. (Closed entry socket insert prevents probe damage.)</p>	<p>Operating temp. from -55°C to +125°C. Resilient inserts provide high dielectric strength and moisture barrier. Operating voltage to 2300 VAC (RMS) at sea level.</p>

OPTIONAL FEATURES

- Available in box mount receptacles and plugs only with 6 insert patterns.
- Offers increased manufacturing throughput by utilization of automated stripper/crimpers; Reeled, stamped and formed contacts are compatible with the Amphenol Vari-Crimp 2000.
- Variety of shell finishes (including non-cadmium) and backend accessories.

MARKETS

- Instrumentation
- Communications

Matrix MB1 & Amphenol PT-DR, MIL-C-26482 Series 2

Reference Catalog 12-071 for Matrix MB1 Series. Consult Amphenol, Sidney NY for information on Amphenol PT-DR Series.



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
<p><u>Matrix MB1 Series and PT-DR Amphenol Series.</u> For general duty applications and environmental applications. Differs from Series 1 in that it has rear insertable/ releasable contacts and an elastomer interfacial seal that provides moisture seal.</p>	<p>MS versions meet or exceed MIL-C-26482, Series 2.</p>	<p>3 point bayonet coupling and 5 key/keyway mating.</p>	<p>Crimp rear insertable, rear releasable contact termination. (Insertion and removal of contacts from rear of connector assures no damage to the front that might affect sealing characteristics.)</p>	<p>Operating temp. from -65°C to +200°C. IP67 rating for environmental sealing. Operating voltage to 2300 VAC (RMS) at sea level.</p>

OPTIONAL FEATURES

- 4 shell styles with 34 insert patterns.
- Optional wider flange wall mount receptacle.
- Optional plug design with RFI grounding.
- Variety of shell finishes and backend accessories.

MARKETS

- Military/Aerospace
- Instrumentation/Control/Machine Tool
- Communications
- Geophysical

Matrix MBL Series

Consult Amphenol, Sidney, NY for further information



APPLICATION	STANDARDS/ REQUIREMENTS	COUPLING/ MOUNTING	CONTACT TERMINATION	PERFORMANCE ENVIRON./ELECT.
<p><u>Matrix MBL Series</u> For environmental applications requiring lighter weight. Designed to meet special aerospace standards.</p>	<p>Meets requirements of NAS1599 standards and Aerospaciale part numbers ASN-E0052 through -E0054.</p>	<p>3 point bayonet coupling and 5 key/keyway mating.</p>	<p>Crimp rear insertable, rear releasable contact termination.</p>	<p>Operating temp. from -65°C to +200°C. IP67 rating for environmental sealing. Operating voltage to 2300 VAC (RMS) at sea level.</p>

OPTIONAL FEATURES

- 4 shell styles with 31 insert patterns.
- Optional plug design with RFI grounding.
- Variety of shell finishes and backend accessories.

MARKETS

- Commercial Aerospace